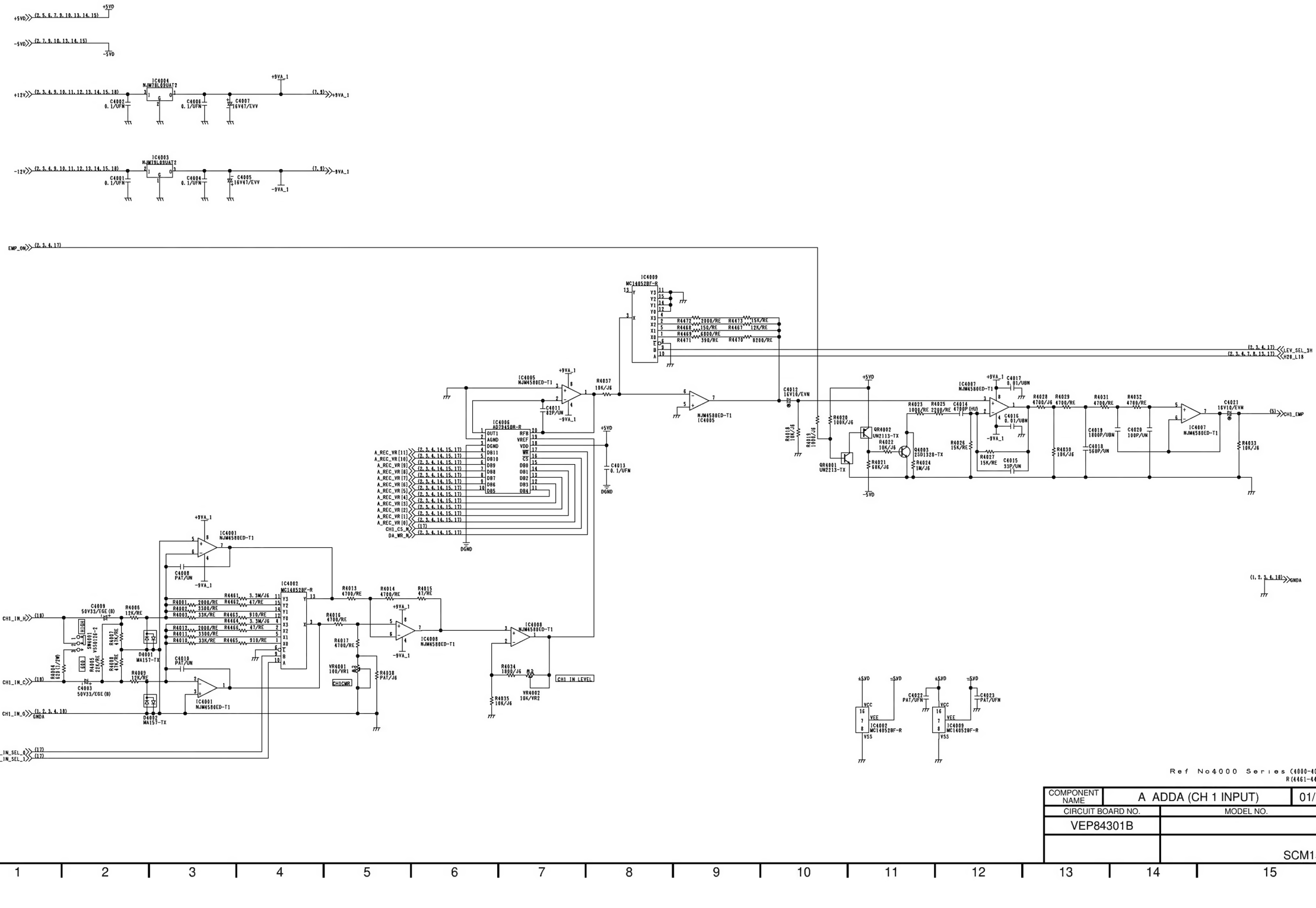
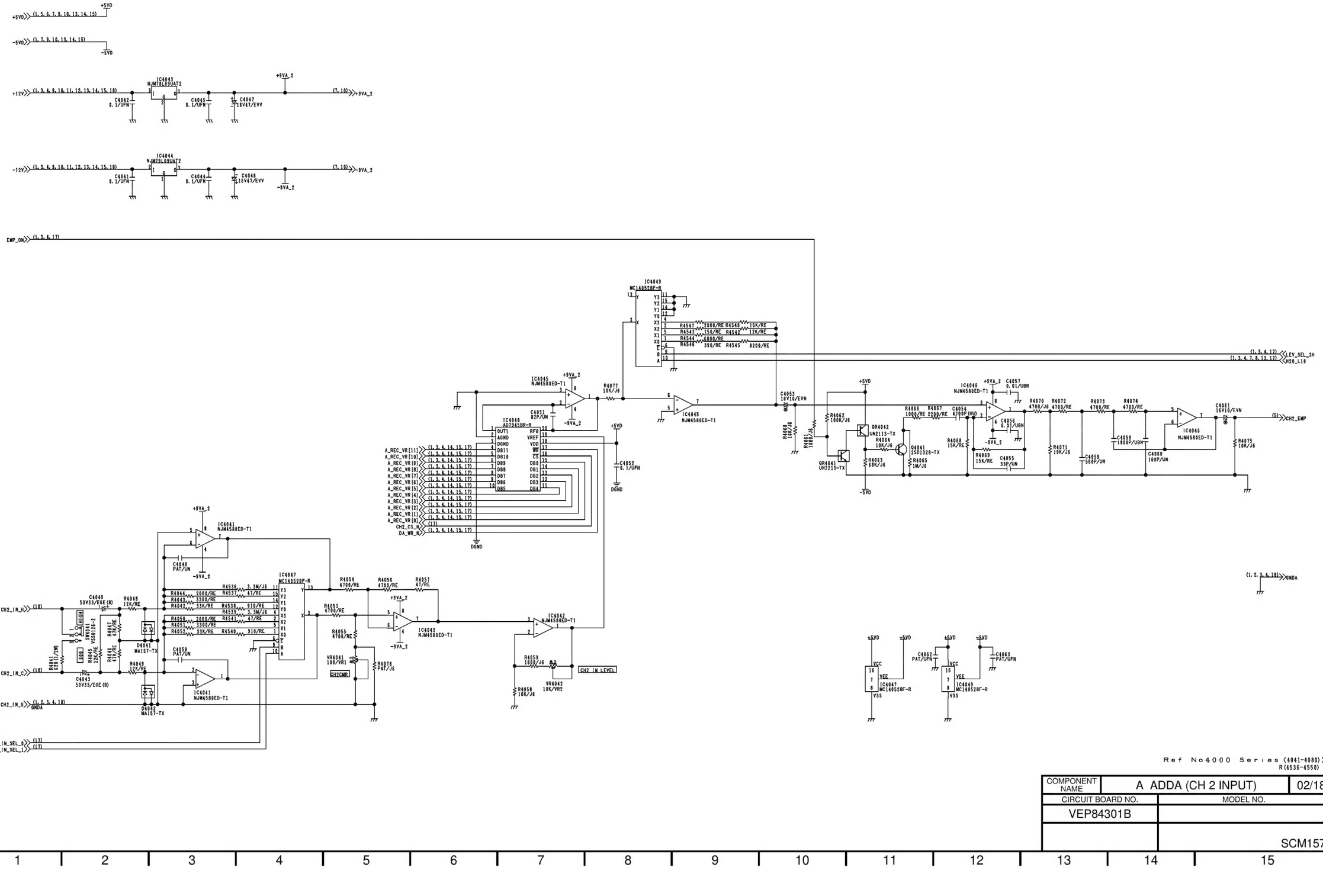
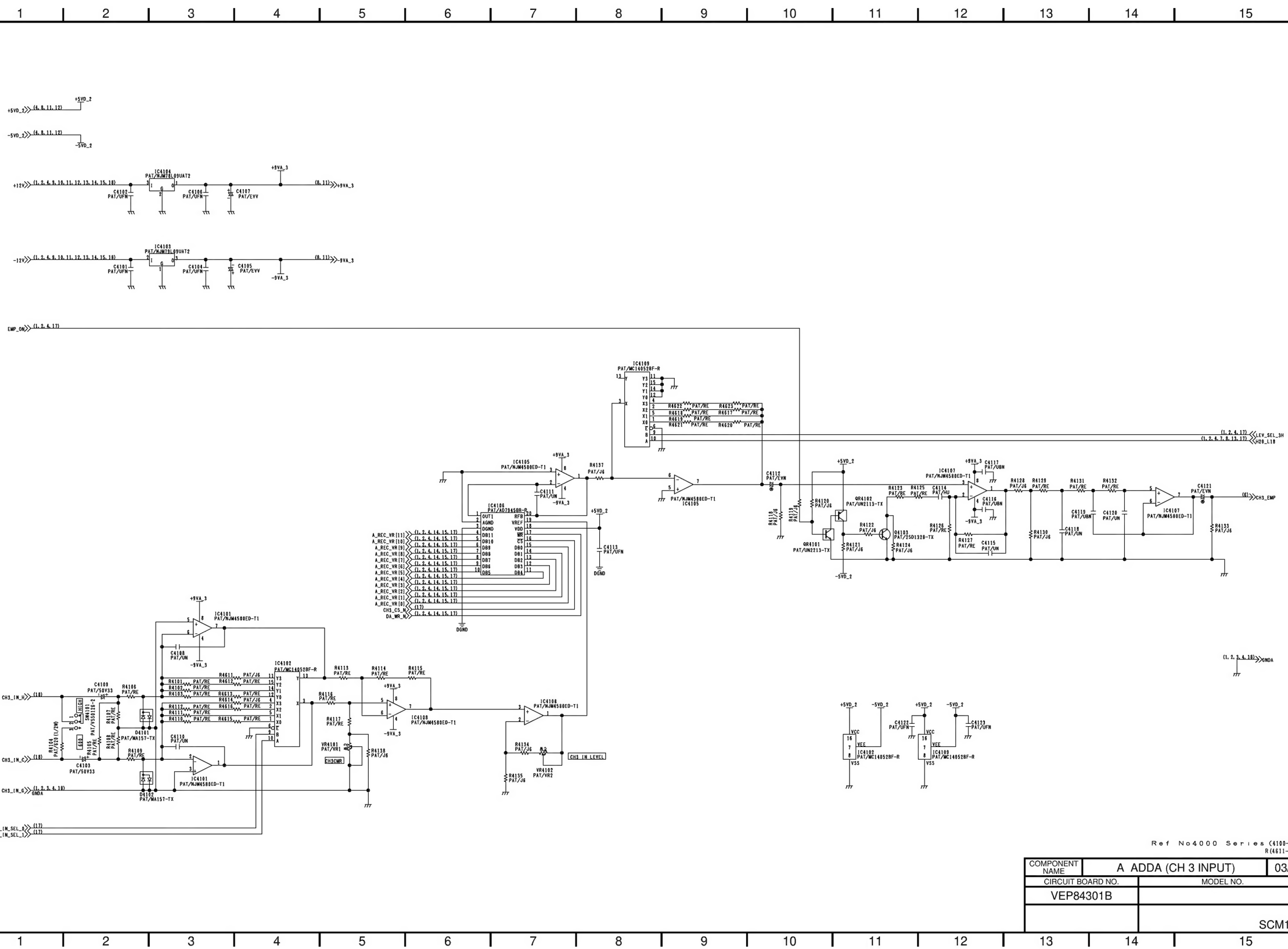

+5VD
-5VD
+12V
-12V
+9VA_1
-9VA_1
EMP_ON
IC4009
MC14052BF-R
IC4005
NJM4580ED-T1
IC4006
AD7945BR-R
IC4001
NJM4580ED-T1
IC4002
MC14052BF-R
IC4008
NJM4580ED-T1
IC4007
NJM4580ED-T1
R4037
10K/J6
C4011
82P/UN
C4012
16V10/EVN
C4013
0.1/UFN
DGND
CH1_IN_H
CH1_IN_C
CH1_IN_G
CH1_IN_SEL_0
CH1_IN_SEL_1
CH1 IN LEVEL
VR4001
100/VR1
VR4002
10K/VR2
CH1_EMP
GNDA
Ref No4000 Series (4000-4040)
R(4461-4475)
COMPONENT NAME
A ADDA (CH 1 INPUT)
01/18
CIRCUIT BOARD NO.
VEP84301B
MODEL NO.
SCM156



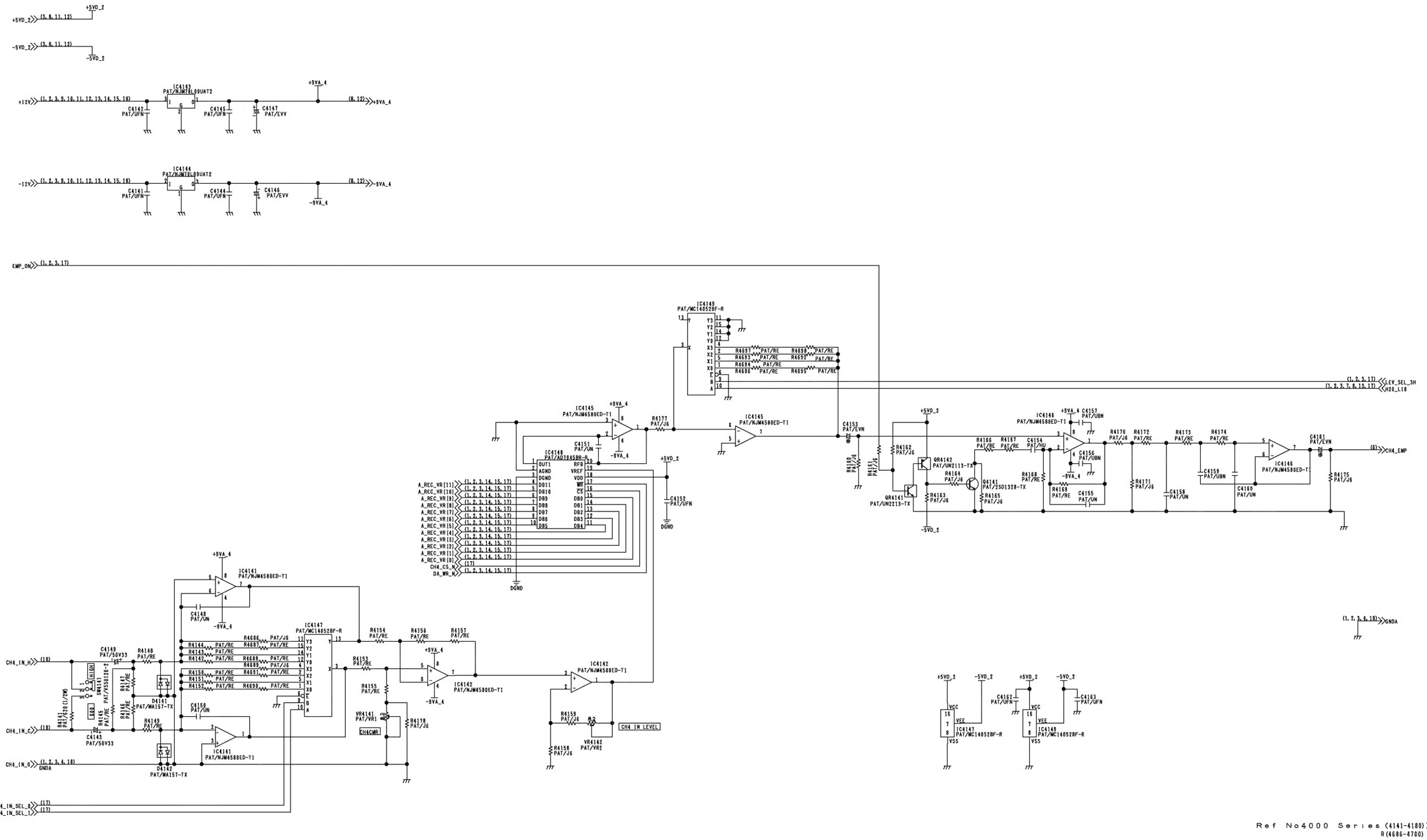
Ref No4000 Series (4041-4080)
R(4536-4550)

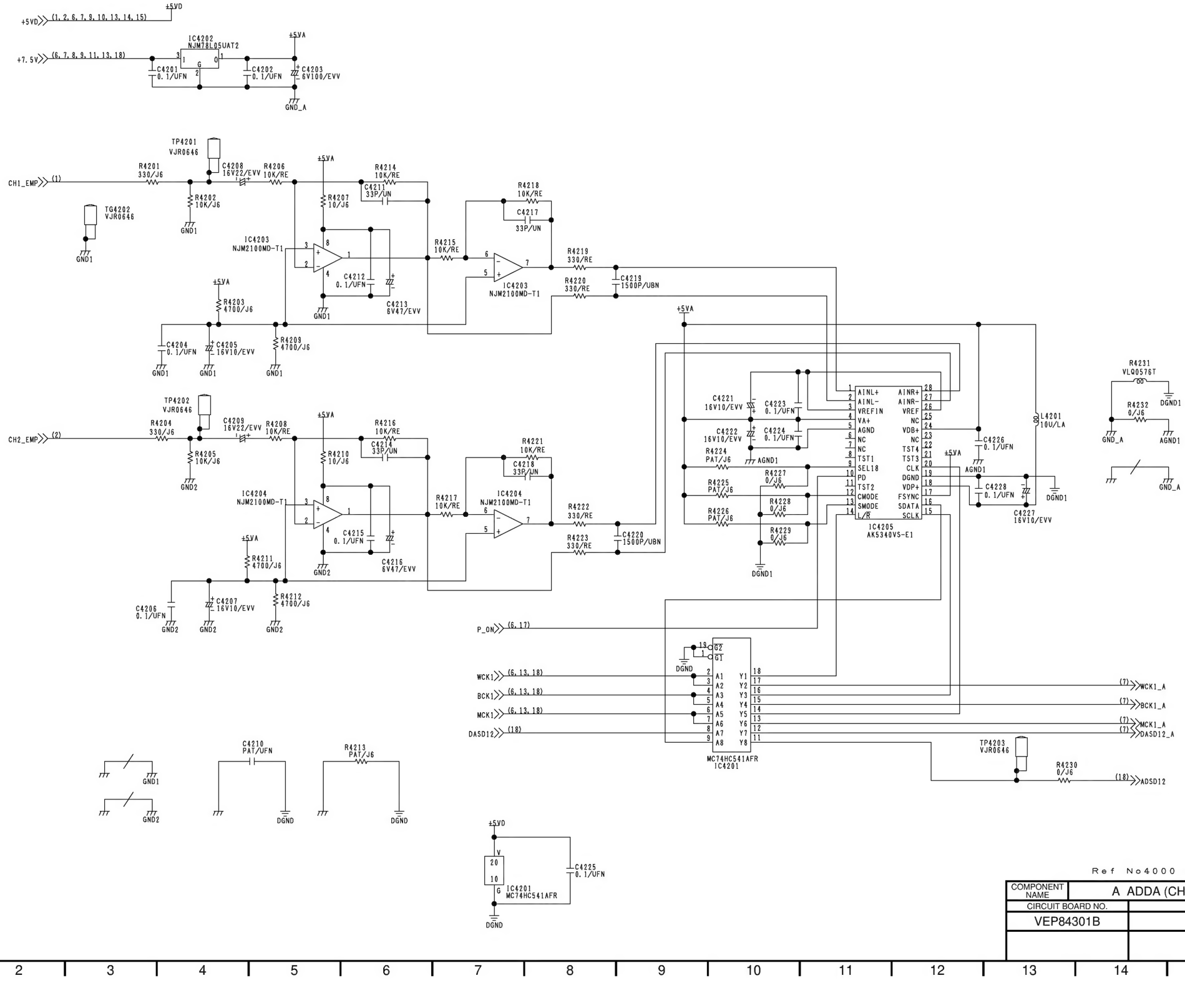
COMPONENT NAME	A ADDA (CH 2 INPUT)	02/18
CIRCUIT BOARD NO.	MODEL NO.	
VEP84301B		
		SCM157



Ref No4000 Series (4100-4140)
R(4611-4475)

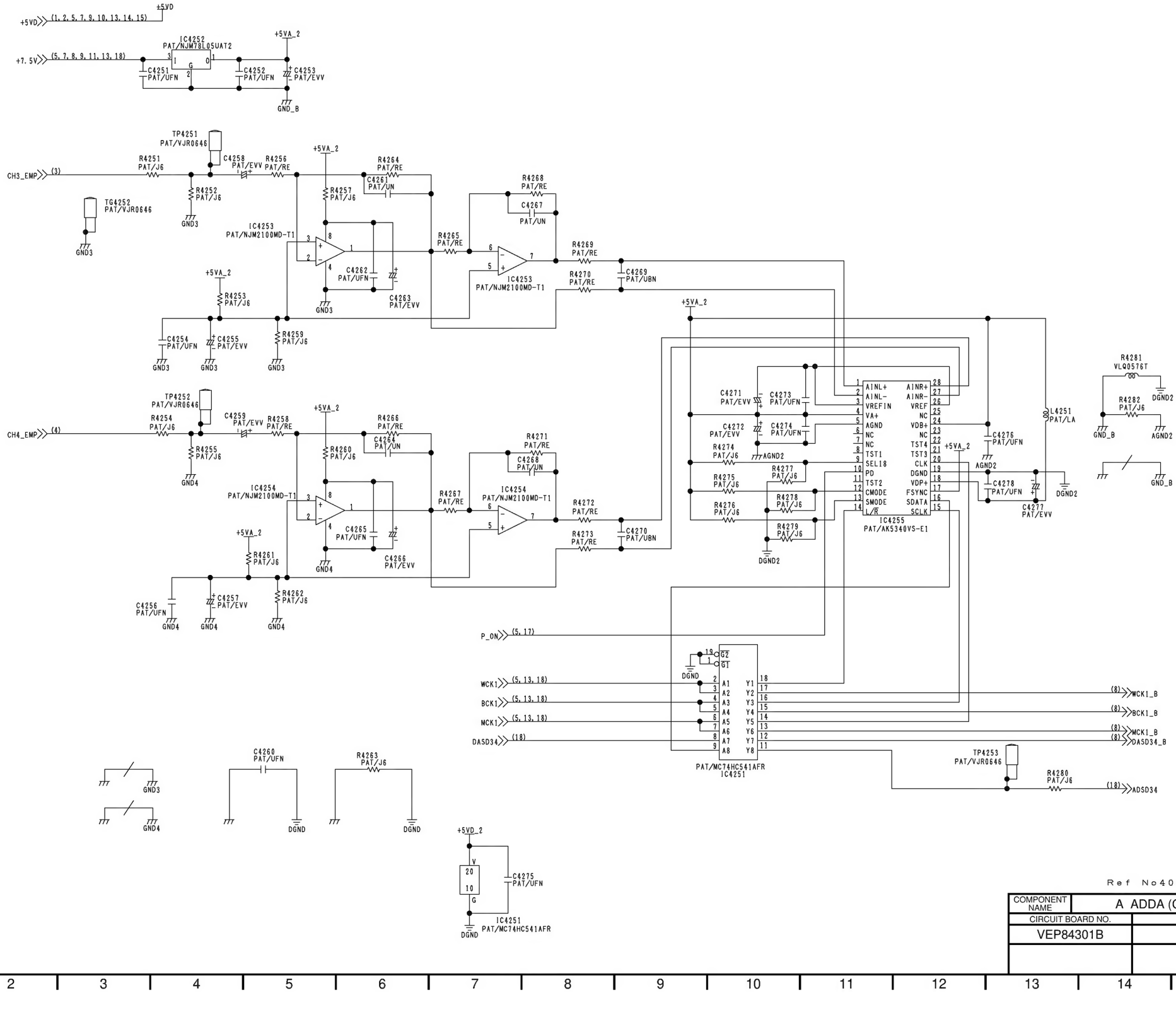
COMPONENT NAME	A ADDA (CH 3 INPUT)	03/18
CIRCUIT BOARD NO.	MODEL NO.	
VEP84301B		
		SCM158


+5VD_2
-5VD_2
+12V
-12V
+9VA_4
-9VA_4
IC4143 PAT/NJM78L09UAT2
IC4144 PAT/NJM79L09UAT2
C4142 PAT/UFN
C4145 PAT/UFN
C4147 PAT/EVV
C4141 PAT/UFN
C4144 PAT/UFN
C4146 PAT/EVV
EMP_ON
IC4140 PAT/MC14052BF-R
IC4145 PAT/NJM4580ED-T1
IC4148 PAT/AD7845BR-R
R4177 PAT/J6
C4151 PAT/UN
C4152 PAT/UFN
DGND
A_REC_VR[11]
A_REC_VR[10]
A_REC_VR[9]
A_REC_VR[8]
A_REC_VR[7]
A_REC_VR[6]
A_REC_VR[5]
A_REC_VR[4]
A_REC_VR[3]
A_REC_VR[2]
A_REC_VR[1]
A_REC_VR[0]
CH4_CS_N
DA_WR_N
LEV_SEL_3H
H20_L18
C4153 PAT/EVN
R4162 PAT/J6
R4161 PAT/J6
R4150 PAT/J6
QR4142 PAT/UN2113-TX
QR4141 PAT/UN2213-TX
Q4141 PAT/2SD1328-TX
R4164 PAT/J6
R4165 PAT/J6
R4163 PAT/J6
R4186 PAT/RE
R4167 PAT/RE
C4154 PAT/HU
R4168 PAT/RE
R4169 PAT/RE
C4156 PAT/UBN
C4155 PAT/UN
C4157 PAT/UBN
R4170 PAT/J6
R4172 PAT/RE
R4173 PAT/RE
R4174 PAT/RE
R4171 PAT/J6
C4158 PAT/UN
C4159 PAT/UBN
C4160 PAT/UN
C4161 PAT/EVN
IC4146 PAT/NJM4580ED-T1
R4175 PAT/J6
CH4_EMP
GNDA
CH4_IN_H
CH4_IN_C
CH4_IN_G
CH4_IN_SEL_2
CH4_IN_SEL_1
C4149 PAT/50V33
C4143 PAT/50V33
R4148 PAT/RE
R4147 PAT/RE
R4146 PAT/RE
R4149 PAT/RE
R4141 PAT/82k(1/2W)
R4145 PAT/1SS133-T-77
D4141 PAT/MA157-TX
D4142 PAT/MA157-TX
C4148 PAT/UN
C4150 PAT/UN
IC4141 PAT/NJM4580ED-T1
IC4147 PAT/MC14052BF-R
R4154 PAT/RE
R4156 PAT/RE
R4157 PAT/RE
R4158 PAT/RE
R4155 PAT/RE
IC4142 PAT/NJM4580ED-T1
VR4141 PAT/VR1
CH4CMR
R4178 PAT/J6
R4159 PAT/J6
VR4142 PAT/VR2
CH4 IN LEVEL
R4158 PAT/J6
R4686 PAT/J6
R4687 PAT/RE
R4688 PAT/J6
R4689 PAT/RE
R4691 PAT/RE
R4690 PAT/RE
R4144 PAT/RE
R4143 PAT/RE
R4142 PAT/RE
R4150 PAT/RE
R4151 PAT/RE
R4152 PAT/RE
R4681 PAT/RE
R4693 PAT/RE
R4694 PAT/RE
R4696 PAT/RE
R4698 PAT/RE
R4692 PAT/RE
R4695 PAT/RE
VCC
VEE
VSS
C4162 PAT/UFN
C4163 PAT/UFN
Ref No4000 Series (4141-4180)
R(4686-4700)
COMPONENT NAME
A ADDA (CH 4 INPUT)
04/18
CIRCUIT BOARD NO.
VEP84301B
MODEL NO.
SCM159



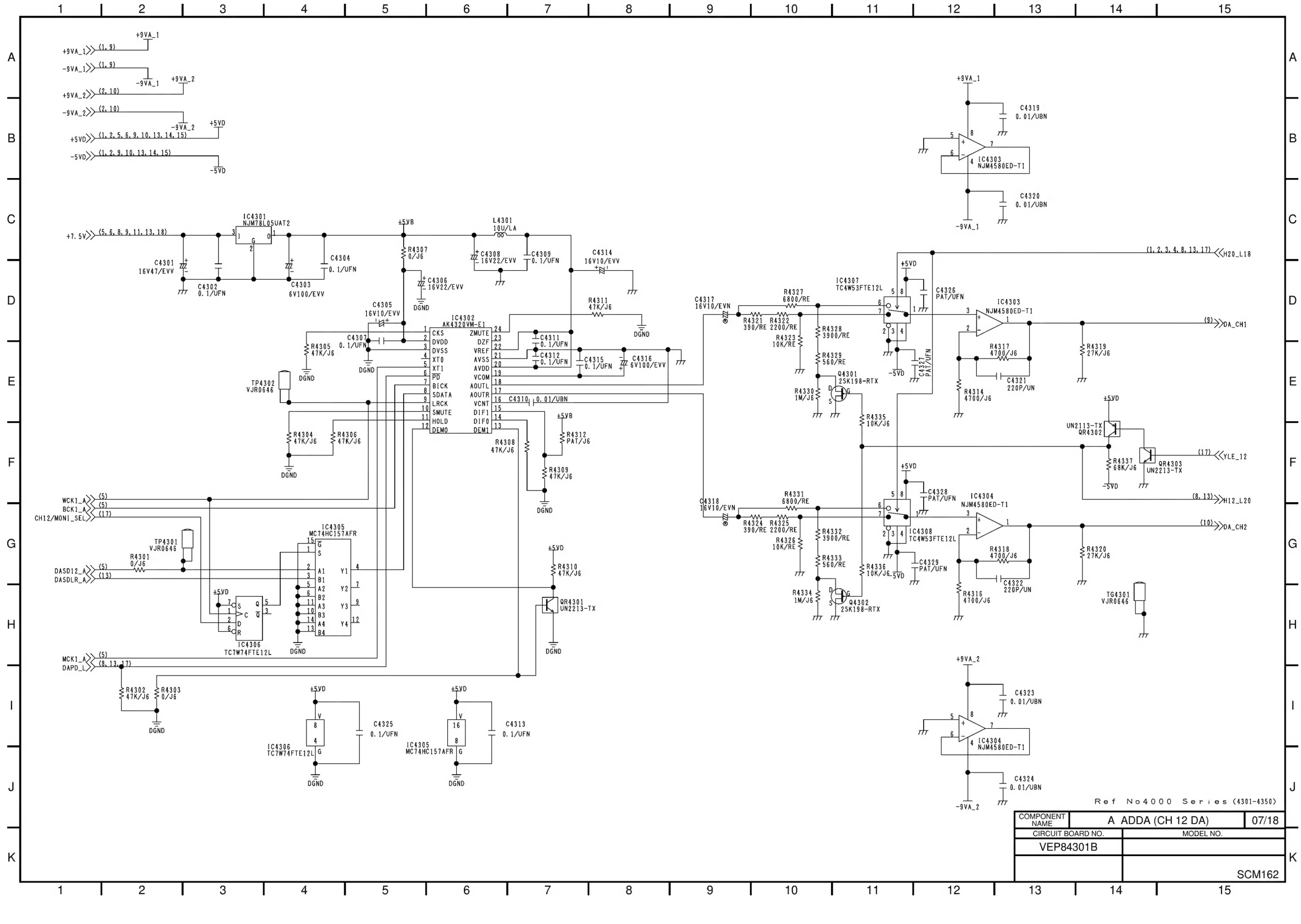
Ref No4000 Series (4201-4250)

COMPONENT NAME	A ADDA (CH 12 AD)	05/18
CIRCUIT BOARD NO.	MODEL NO.	
VEP84301B		
		SCM160



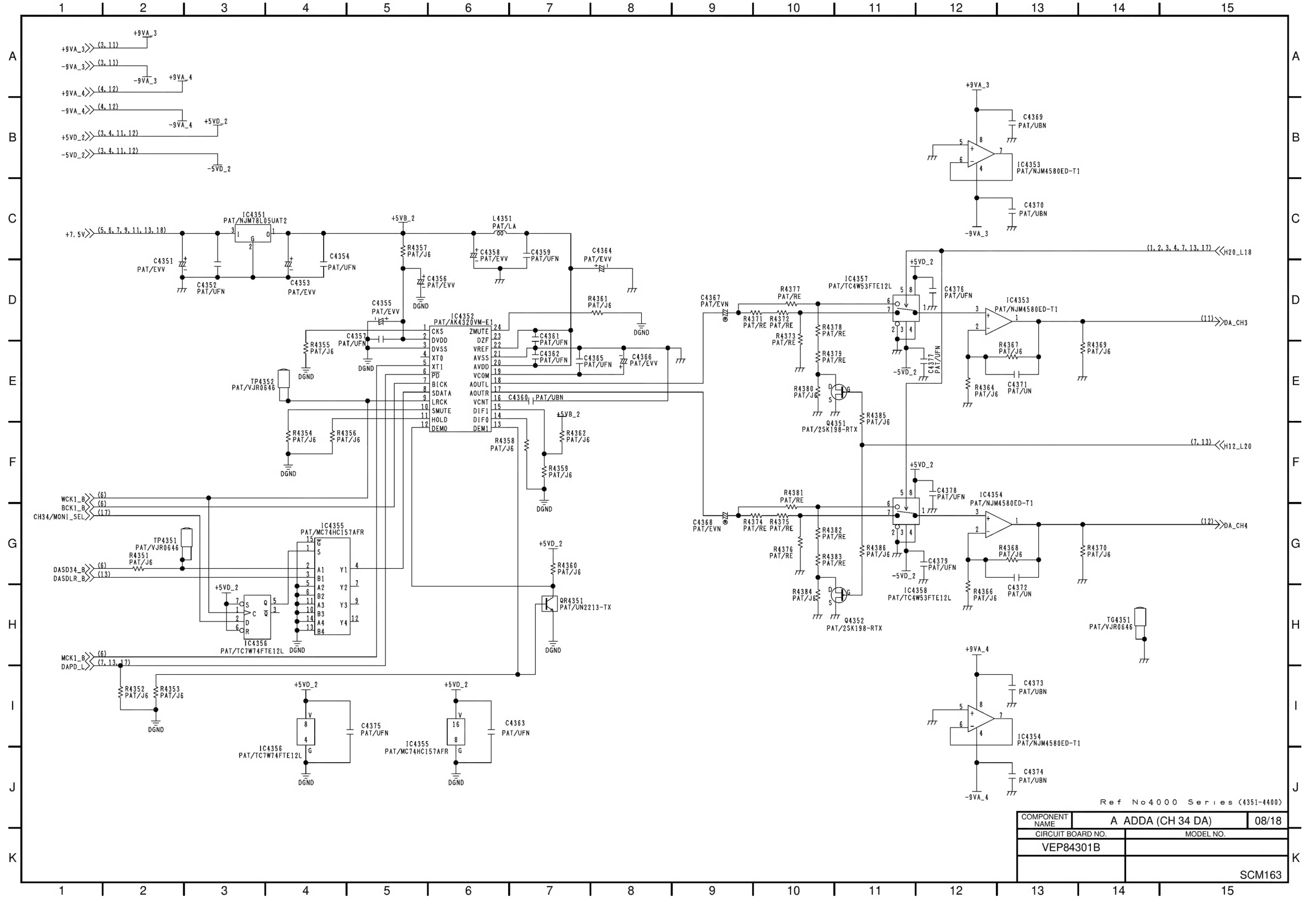
Ref No4000 Series (4251-4300)

COMPONENT NAME	A ADDA (CH 34 AD)	06/18
CIRCUIT BOARD NO.	MODEL NO.	
VEP84301B		
		SCM161

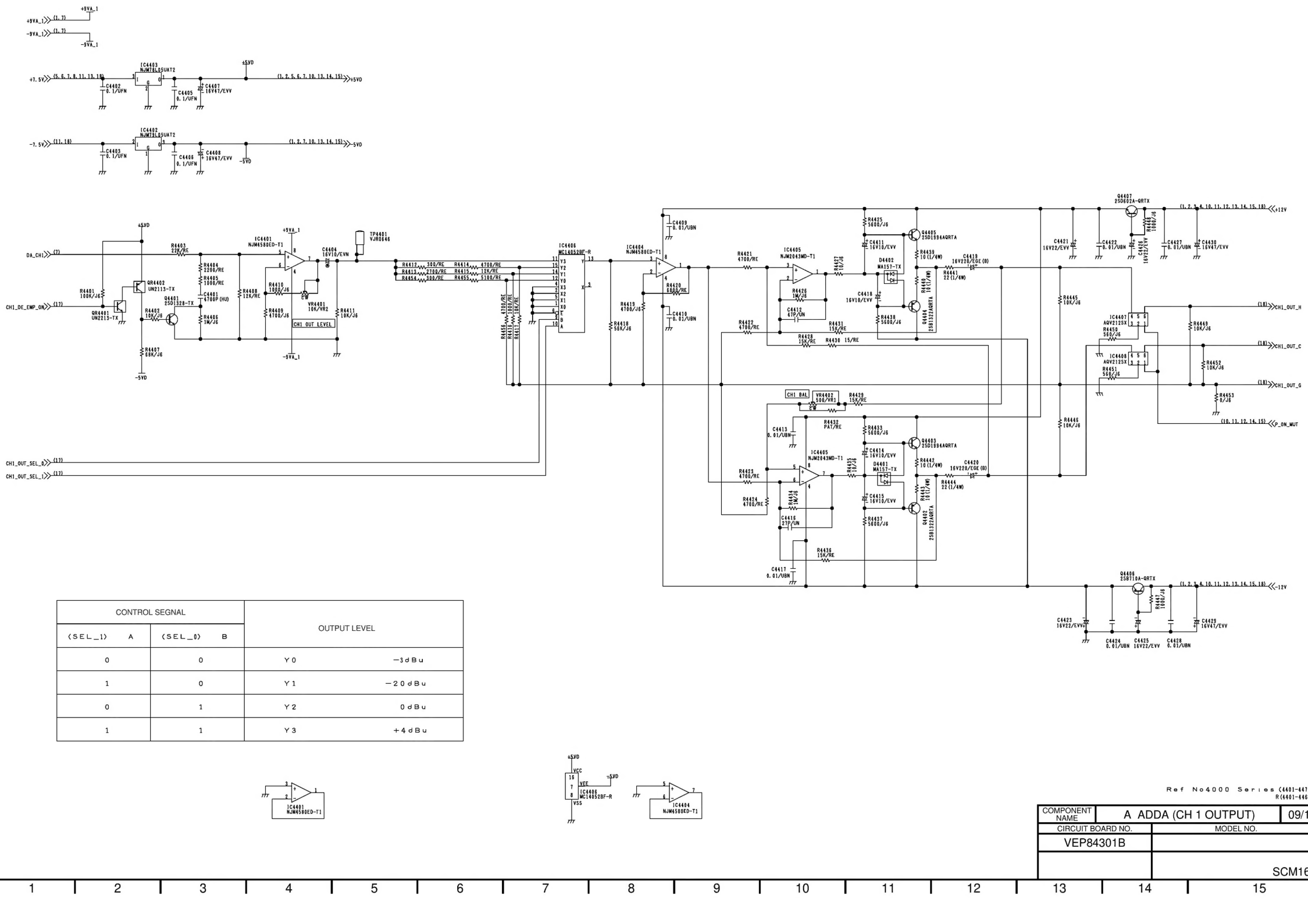


Ref No4000 Series (4301-4350)

COMPONENT NAME	A ADDA (CH 12 DA)	07/18
CIRCUIT BOARD NO.	MODEL NO.	
VEP84301B		
		SCM162



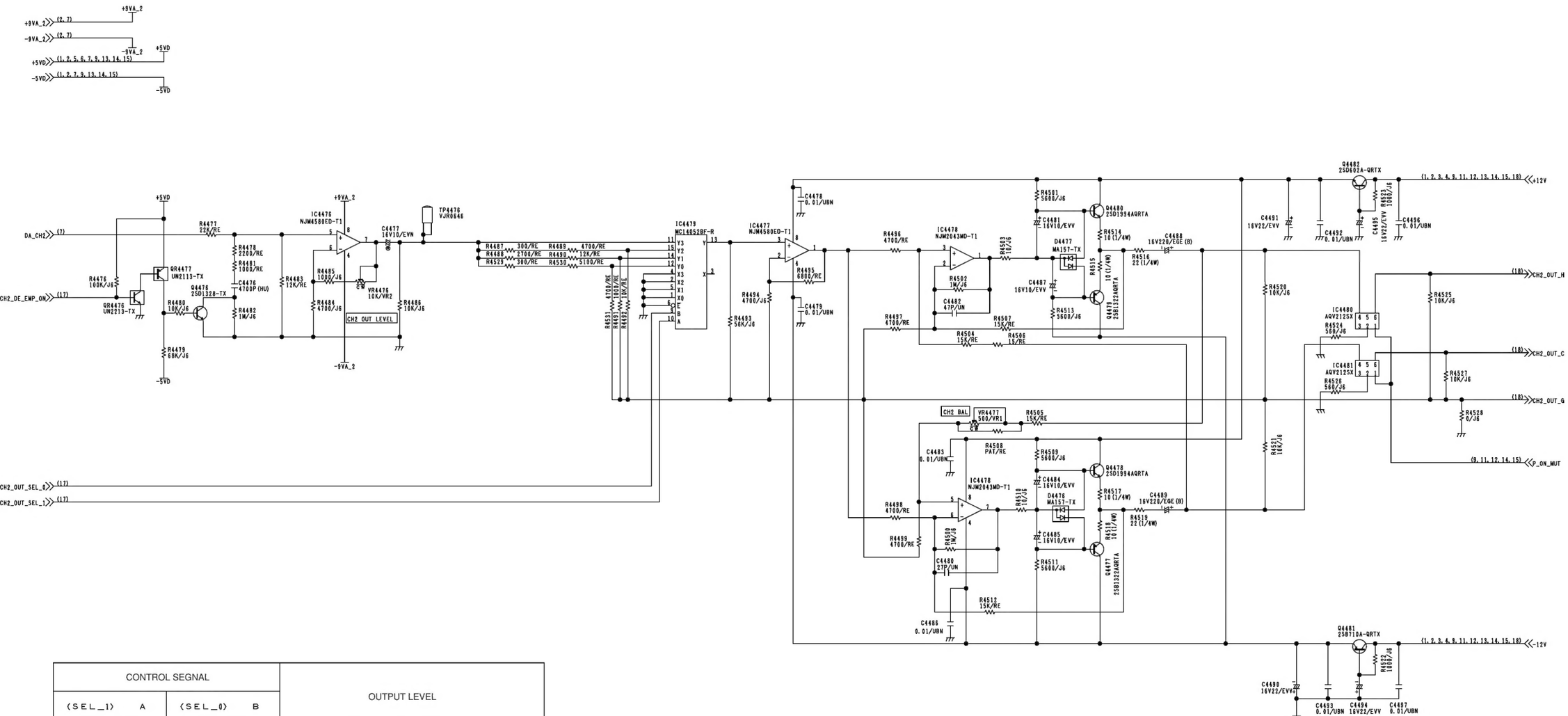
COMPONENT NAME	A ADDA (CH 34 DA)	08/18
CIRCUIT BOARD NO.	MODEL NO.	
VEP84301B		
		SCM163



CONTROL SEGNAL		OUTPUT LEVEL	
(SEL_1) A	(SEL_0) B		
0	0	Y0	−3dBu
1	0	Y1	−20dBu
0	1	Y2	0dBu
1	1	Y3	+4dBu

Ref No4000 Series (4401-4475)
R(4401-4460)

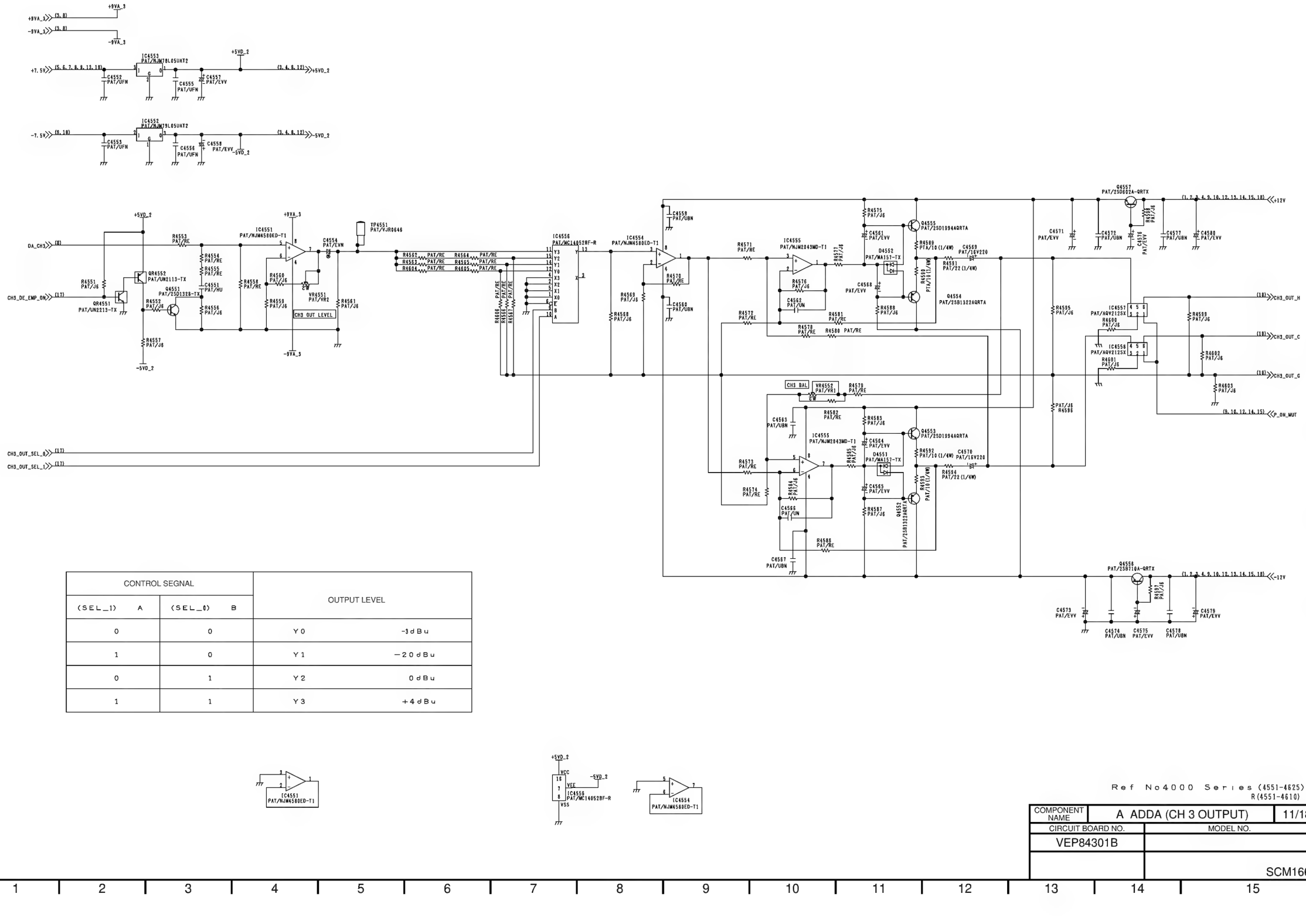
COMPONENT NAME	A ADDA (CH 1 OUTPUT)	09/18
CIRCUIT BOARD NO.	MODEL NO.	
VEP84301B		
	SCM164	



CONTROL SEGNAL		OUTPUT LEVEL	
(SEL_1) A	(SEL_0) B		
0	0	Y0	-3dBu
1	0	Y1	−20dBu
0	1	Y2	0dBu
1	1	Y3	+4dBu

Ref No4000 Series (4476-4550)
R(4476-4535)

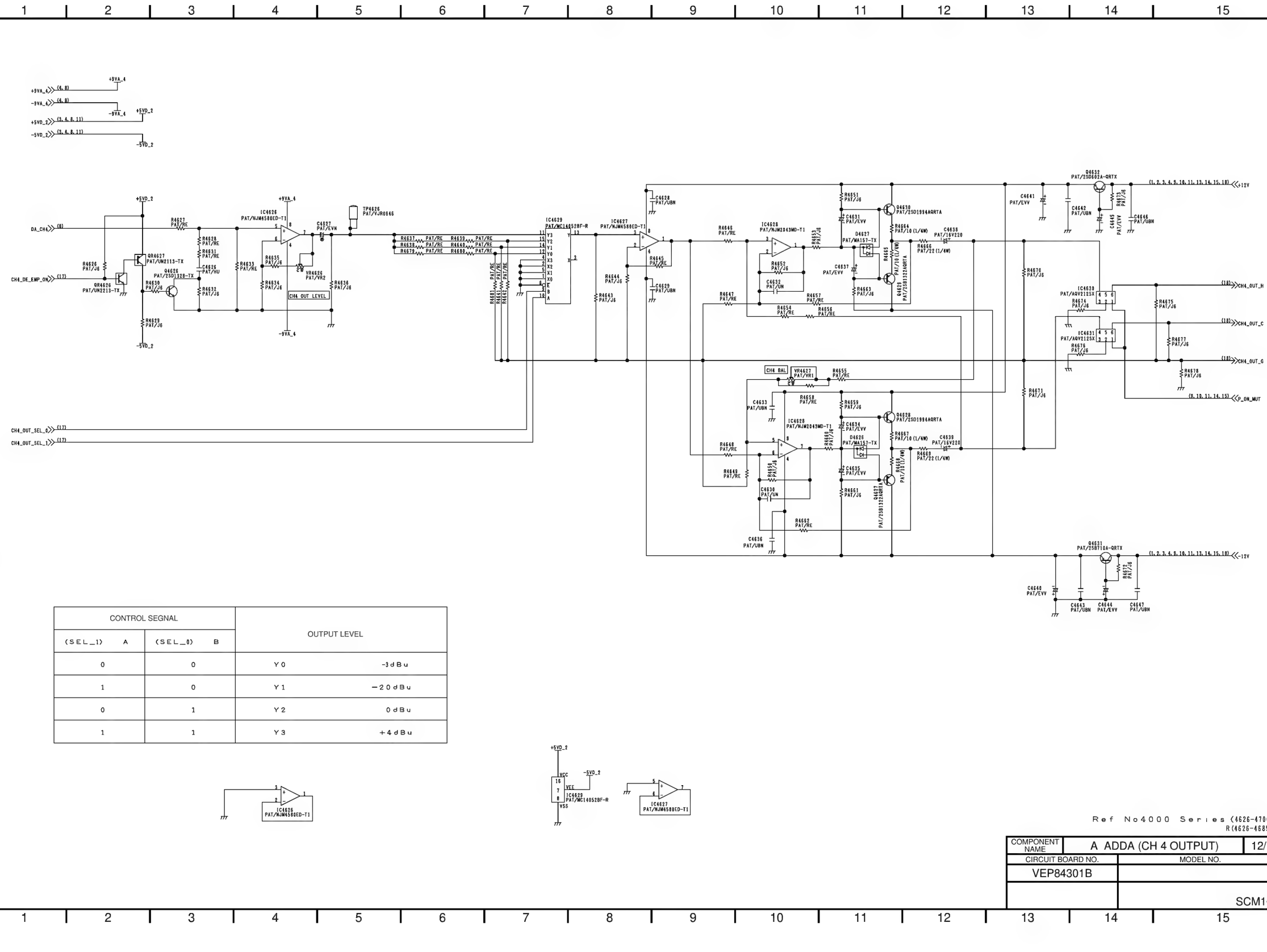
COMPONENT NAME	A ADDA (CH 2 OUTPUT)	10/18
CIRCUIT BOARD NO.	MODEL NO.	
VEP84301B		
	SCM165	



CONTROL SEGNAL		OUTPUT LEVEL	
(SEL_1) A	(SEL_0) B		
0	0	Y0	-3dBu
1	0	Y1	-20dBu
0	1	Y2	0dBu
1	1	Y3	+4dBu

Ref No4000 Series (4551-4625)
R(4551-4610)

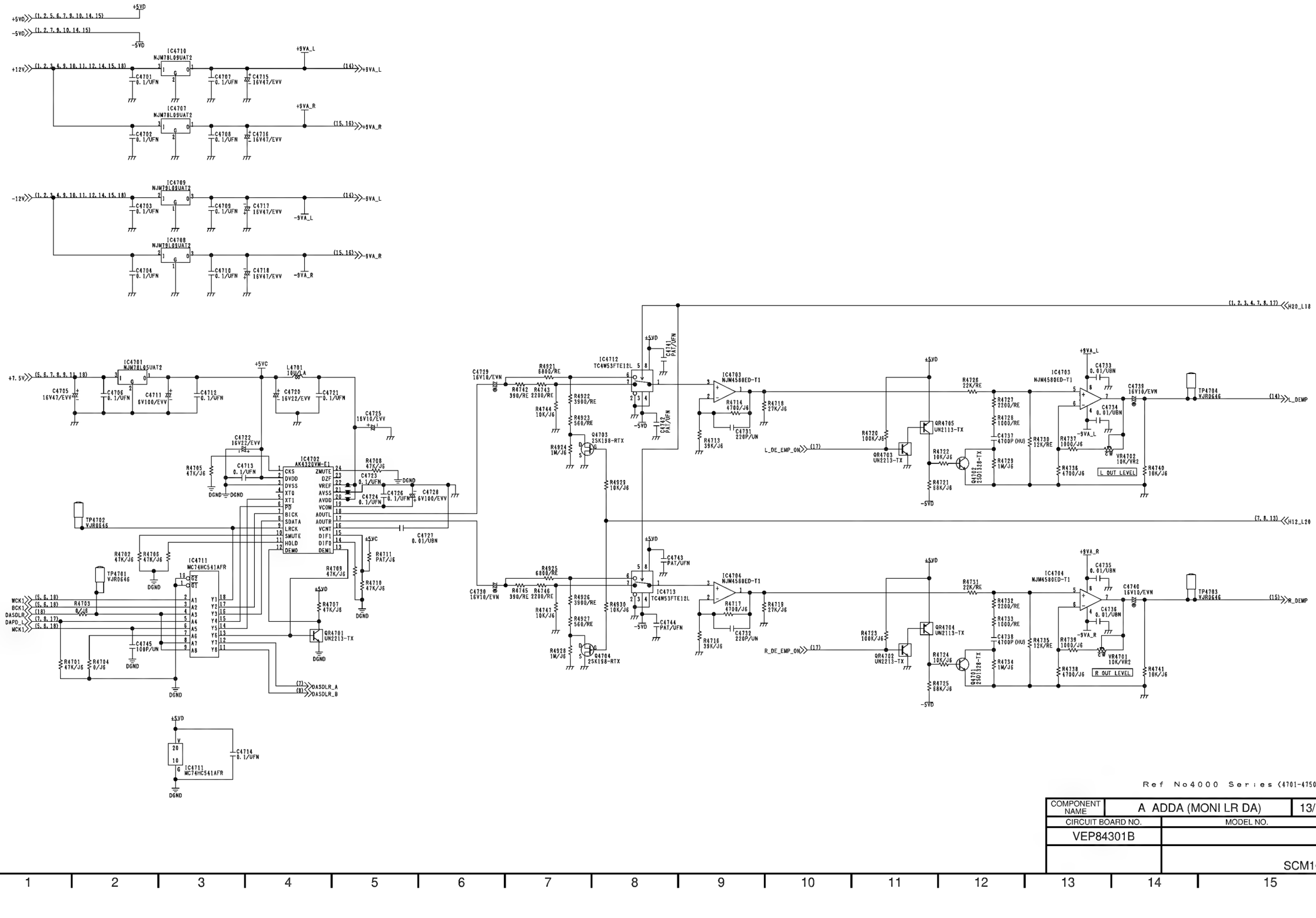
COMPONENT NAME	A ADDA (CH 3 OUTPUT)	11/18
CIRCUIT BOARD NO.	MODEL NO.	
VEP84301B		
		SCM166



CONTROL SEGNAL		OUTPUT LEVEL	
(SEL_1) A	(SEL_0) B		
0	0	Y0	-3dBu
1	0	Y1	−20dBu
0	1	Y2	0dBu
1	1	Y3	+4dBu

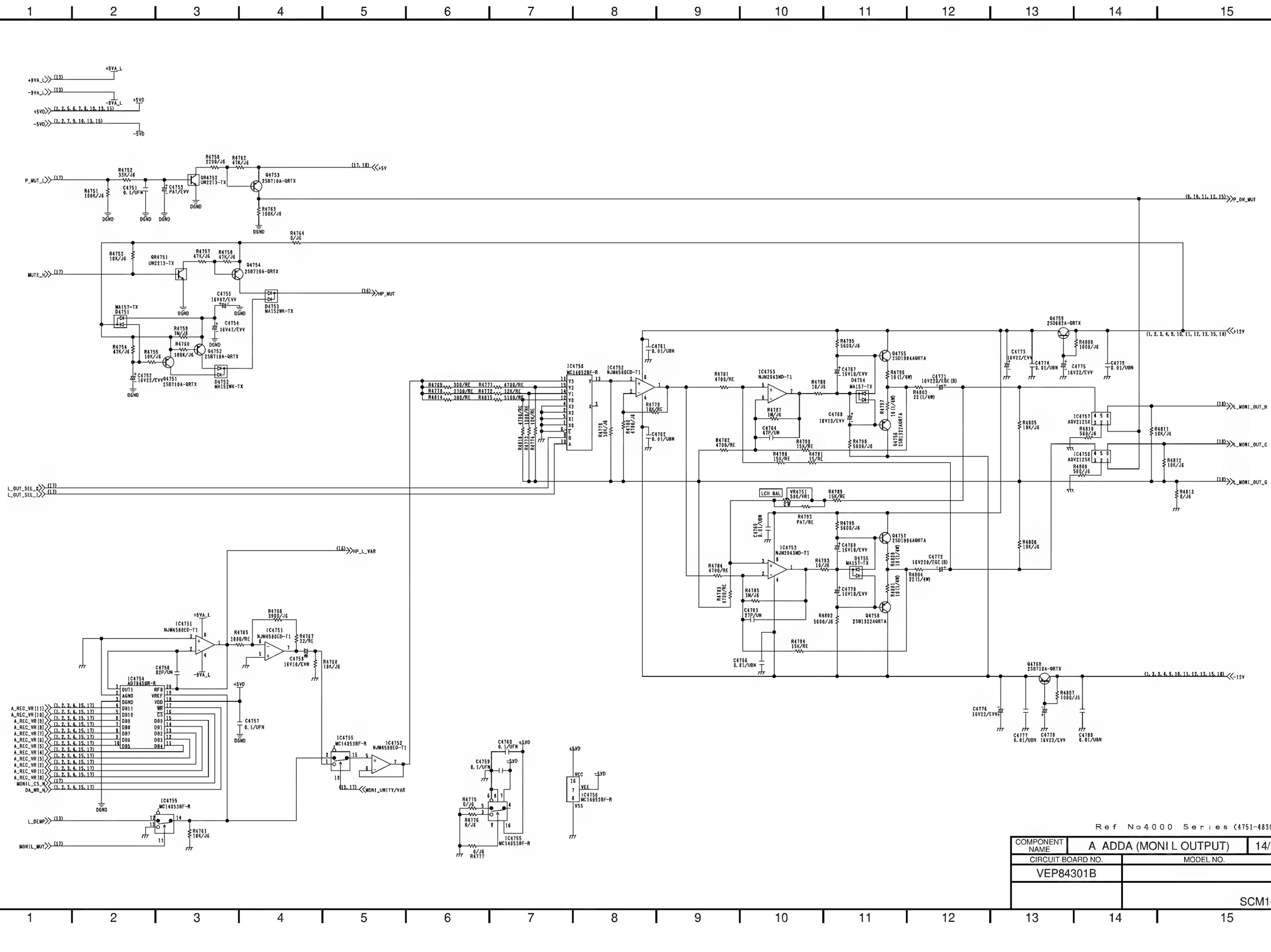
Ref No4000 Series (4626-4700)
R(4626-4685)

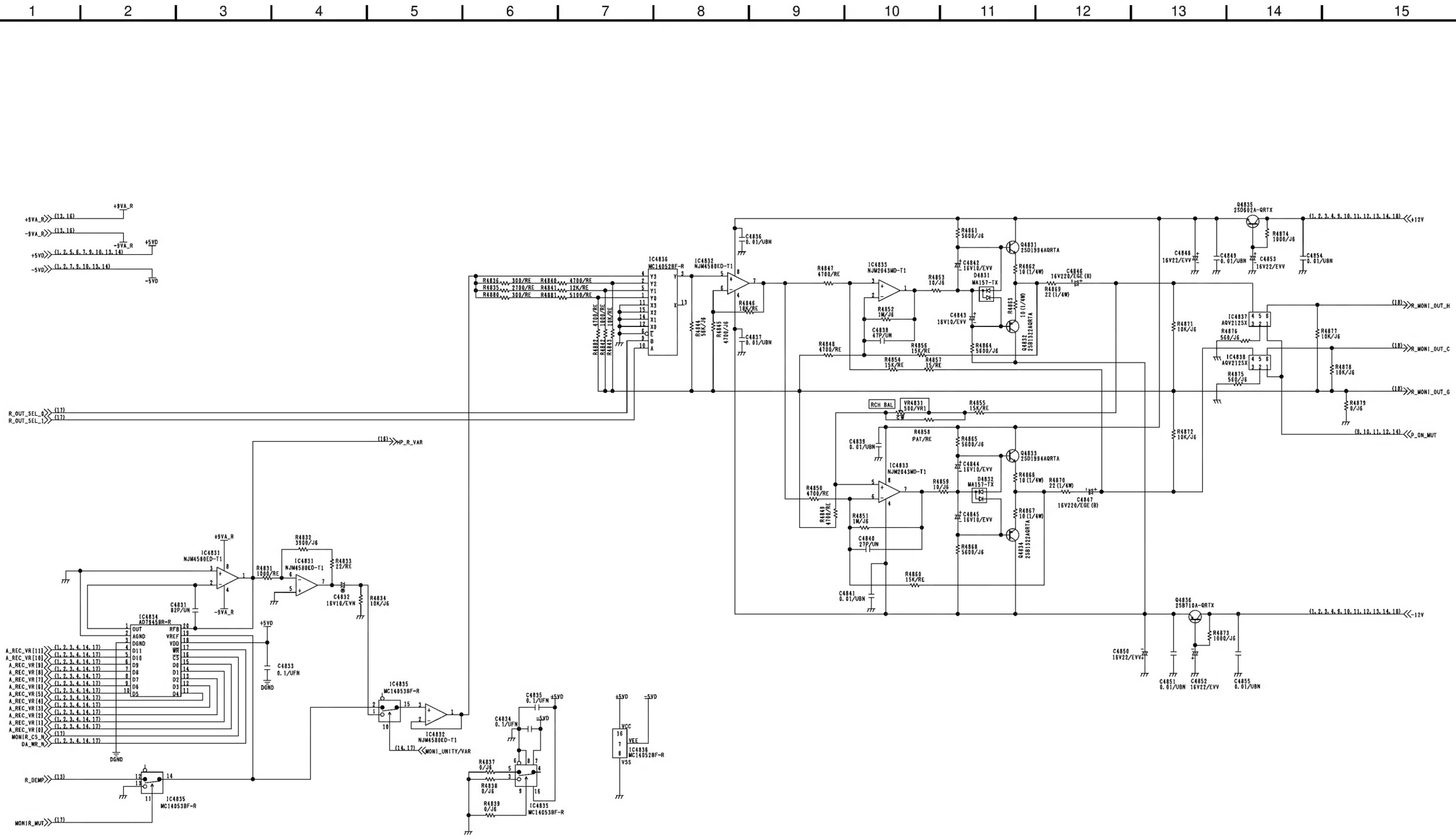
COMPONENT NAME	A ADDA (CH 4 OUTPUT)	12/18
CIRCUIT BOARD NO.	MODEL NO.	
VEP84301B		
		SCM167



Ref No4000 Series (4701-4750)

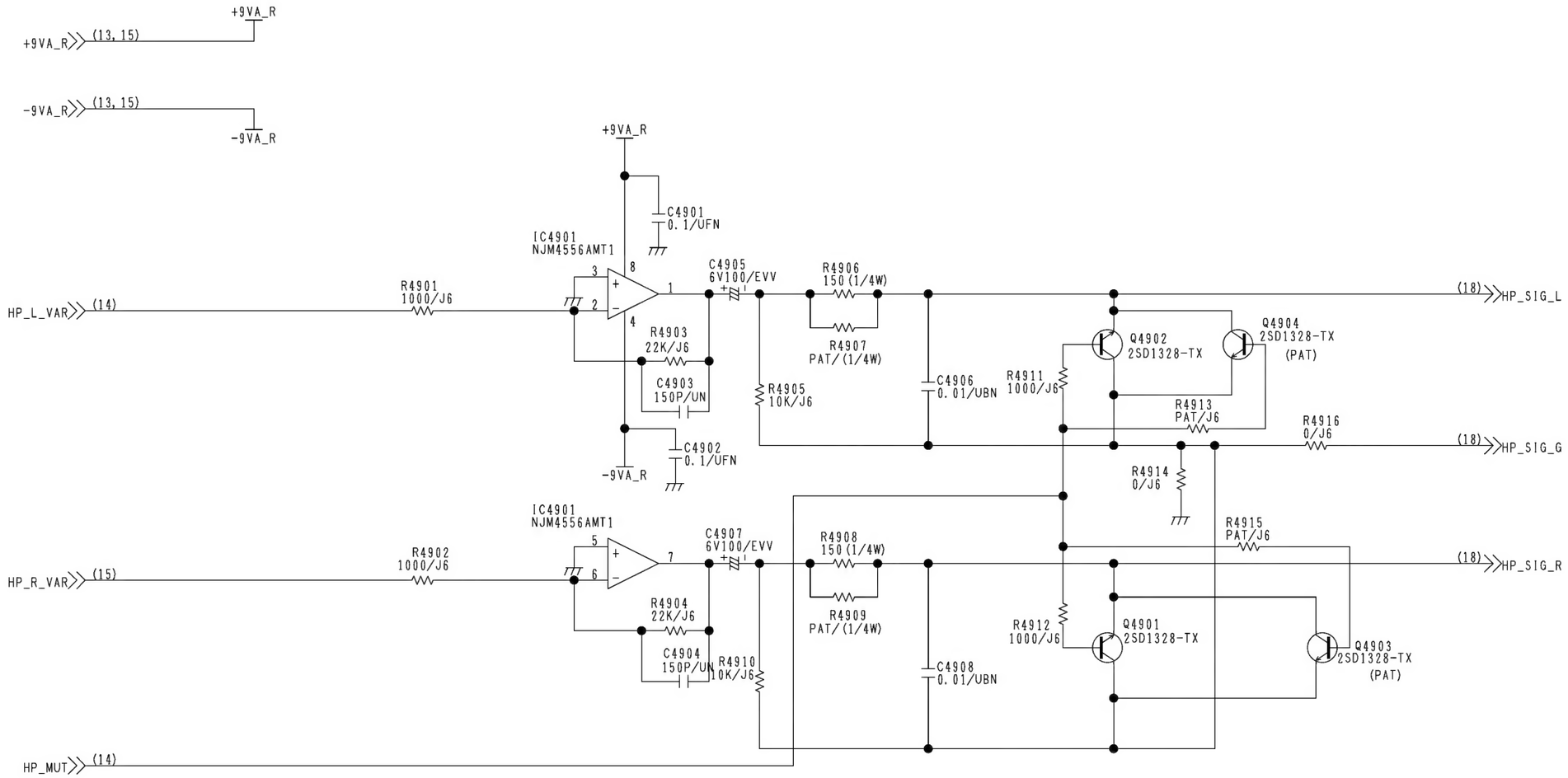
COMPONENT NAME	A ADDA (MONI LR DA)	13/18
CIRCUIT BOARD NO.	MODEL NO.	
VEP84301B		
		SCM168


+9VA_L
-9VA_L
+5VD
-5VD
P_MUT_L
MUTE_H
HP_MUT
HP_L_VAR
P_ON_MUT
+5V
+12V
-12V
L_OUT_SEL_0
L_OUT_SEL_1
L_DEMP
MONIL_MUT
MONI_UMITY/VAR
L_MONI_OUT_H
L_MONI_OUT_C
L_MONI_OUT_G
A_REC_VR[11]
A_REC_VR[10]
A_REC_VR[9]
A_REC_VR[8]
A_REC_VR[7]
A_REC_VR[6]
A_REC_VR[5]
A_REC_VR[4]
A_REC_VR[3]
A_REC_VR[2]
A_REC_VR[1]
A_REC_VR[0]
MONIL_CS_N
DA_WR_N
LCH BAL
IC4756 MC14052BF-R
IC4753 NJM2043MD-T1
IC4754 AD7945BR-R
IC4755 MC14053BF-R
IC4752 NJM4580ED-T1
IC4751 NJM4580ED-T1
IC4757 AQV212SX
IC4758 AQV212SX
Ref No4000 Series (4751-4830)
COMPONENT NAME
A ADDA (MONI L OUTPUT)
14/18
CIRCUIT BOARD NO.
VEP84301B
MODEL NO.
SCM169



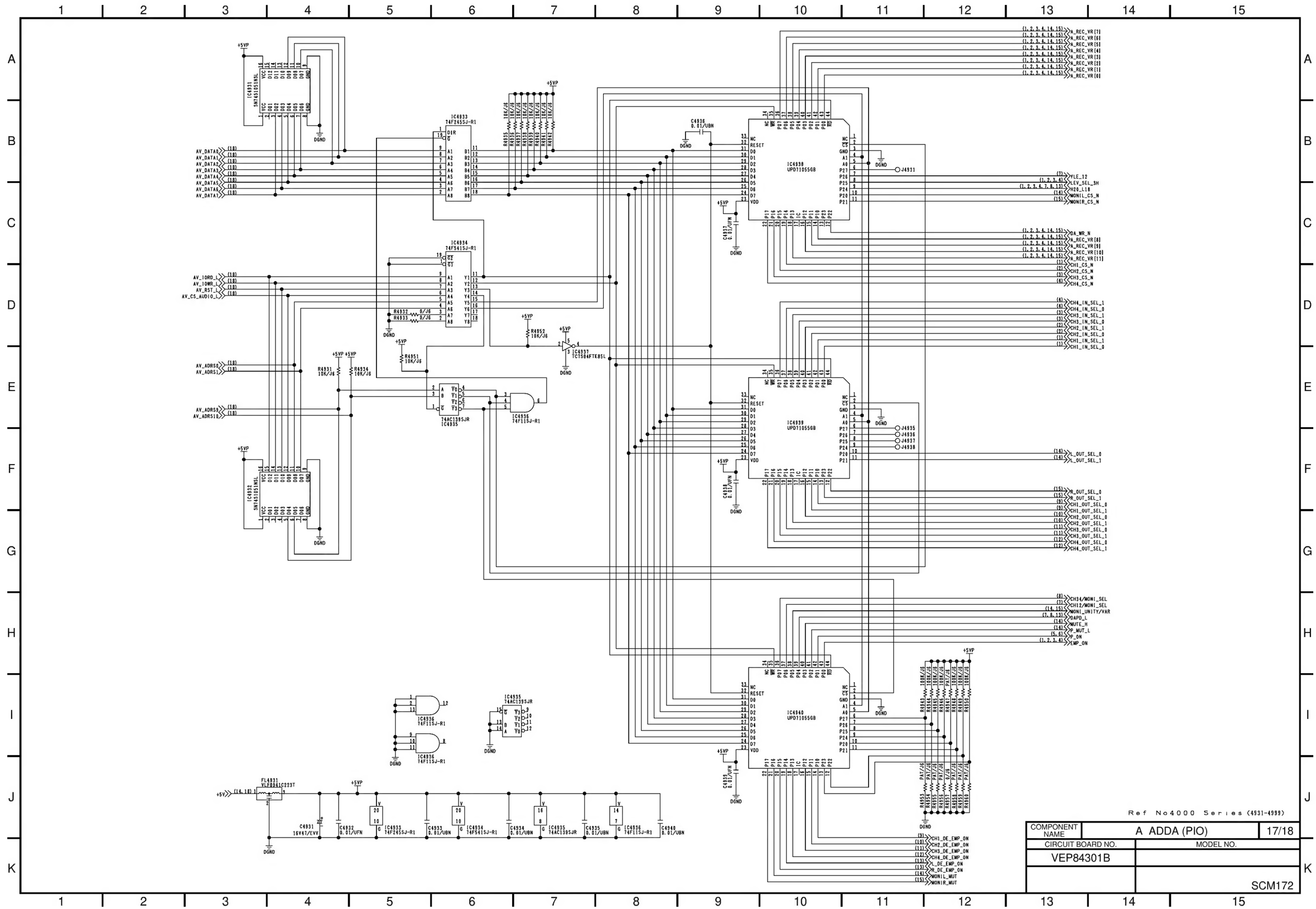
Ref No4000 Series (4831-4900)

COMPONENT NAME	A ADDA (MONI R OUTPUT)	15/18
CIRCUIT BOARD NO.	MODEL NO.	
VEP84301B		
	SCM170	



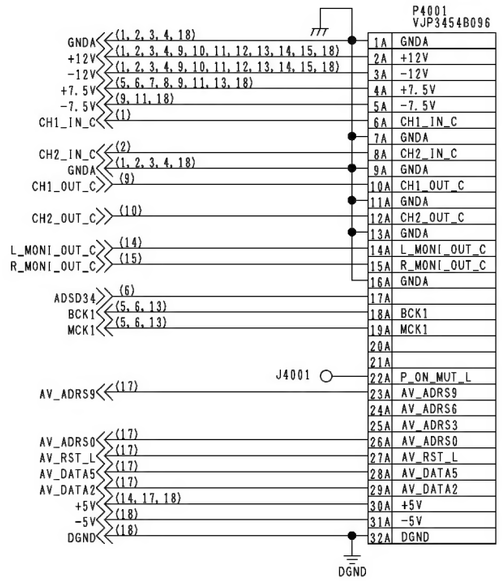
Ref No4000 Series (4901-4930)

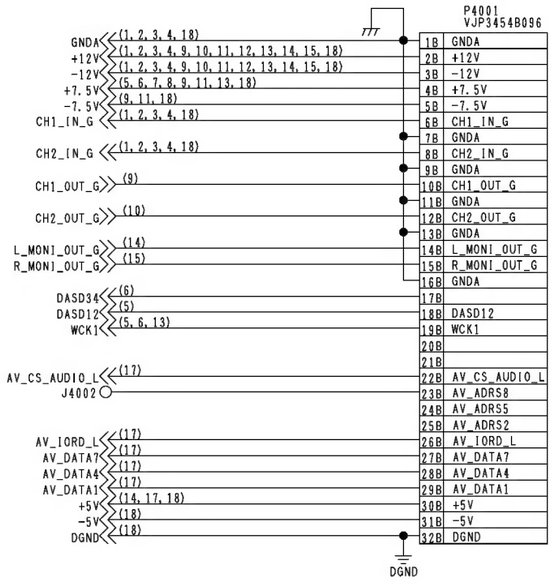
COMPONENT NAME	A ADDA (HP OUTPUT)	16/18
CIRCUIT BOARD NO.	MODEL NO.	
VEP84301B		
		SCM171

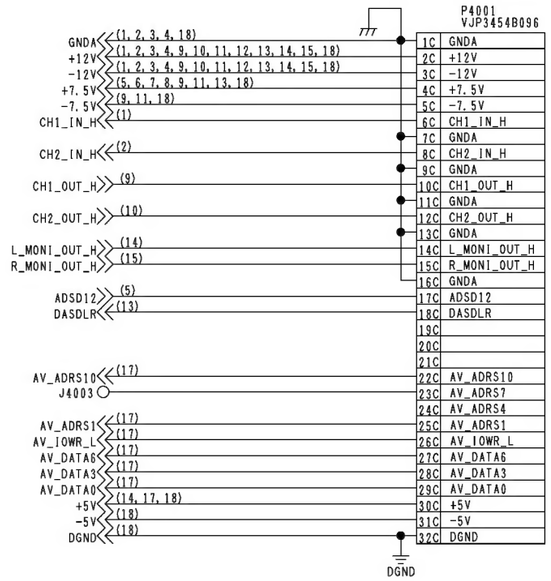


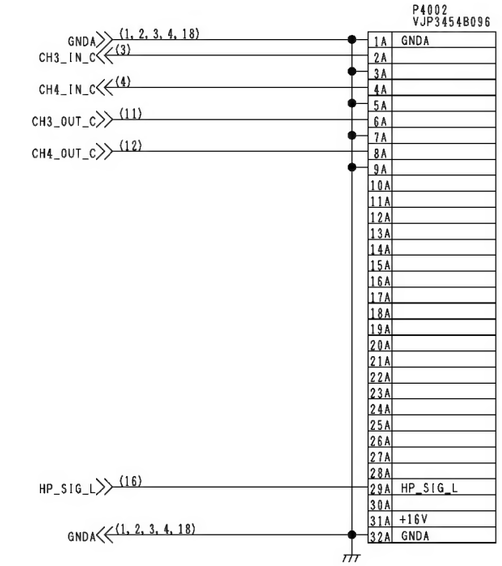
Ref No4000 Series (4931-4999)

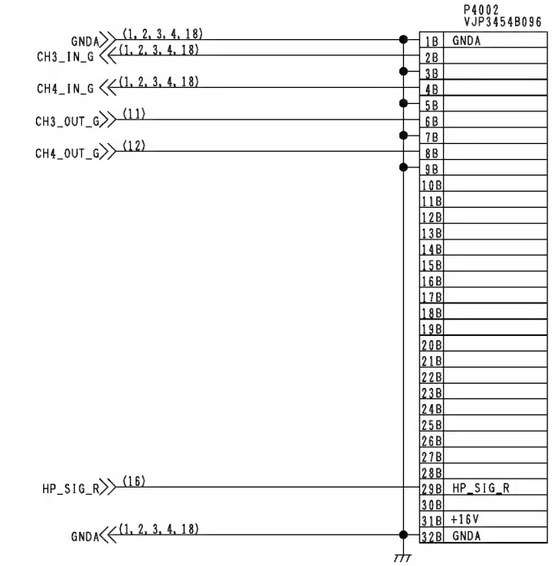
COMPONENT NAME	A ADDA (PIO)	17/18
CIRCUIT BOARD NO.	MODEL NO.	
VEP84301B		
		SCM172

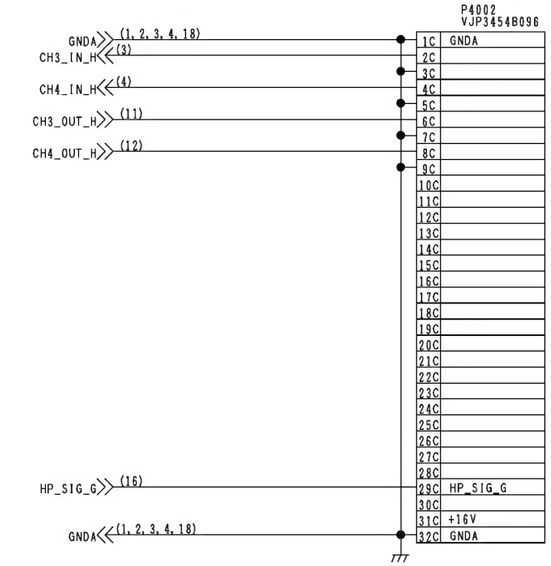

P4001
VJP3454B096
GNDA (1, 2, 3, 4, 18) 1A GNDA
+12V (1, 2, 3, 4, 9, 10, 11, 12, 13, 14, 15, 18) 2A +12V
-12V (1, 2, 3, 4, 9, 10, 11, 12, 13, 14, 15, 18) 3A -12V
+7.5V (5, 6, 7, 8, 9, 11, 13, 18) 4A +7.5V
-7.5V (9, 11, 18) 5A -7.5V
CH1_IN_C (1) 6A CH1_IN_C
7A GNDA
CH2_IN_C (2) 8A CH2_IN_C
GNDA (1, 2, 3, 4, 18) 9A GNDA
CH1_OUT_C (9) 10A CH1_OUT_C
11A GNDA
CH2_OUT_C (10) 12A CH2_OUT_C
13A GNDA
L_MONI_OUT_C (14) 14A L_MONI_OUT_C
R_MONI_OUT_C (15) 15A R_MONI_OUT_C
16A GNDA
ADSD34 (6) 17A
BCK1 (5, 6, 13) 18A BCK1
MCK1 (5, 6, 13) 19A MCK1
20A
21A
J4001 22A P_ON_MUT_L
AV_ADRS9 (17) 23A AV_ADRS9
24A AV_ADRS6
25A AV_ADRS3
AV_ADRS0 (17) 26A AV_ADRS0
AV_RST_L (17) 27A AV_RST_L
AV_DATA5 (17) 28A AV_DATA5
AV_DATA2 (17) 29A AV_DATA2
+5V (14, 17, 18) 30A +5V
-5V (18) 31A -5V
DGND (18) 32A DGND
DGND


P4001
VJP3454B096
GNDA (1, 2, 3, 4, 18) 1B GNDA
+12V (1, 2, 3, 4, 9, 10, 11, 12, 13, 14, 15, 18) 2B +12V
-12V (1, 2, 3, 4, 9, 10, 11, 12, 13, 14, 15, 18) 3B -12V
+7.5V (5, 6, 7, 8, 9, 11, 13, 18) 4B +7.5V
-7.5V (9, 11, 18) 5B -7.5V
CH1_IN_G (1, 2, 3, 4, 18) 6B CH1_IN_G
7B GNDA
CH2_IN_G (1, 2, 3, 4, 18) 8B CH2_IN_G
9B GNDA
CH1_OUT_G (9) 10B CH1_OUT_G
11B GNDA
CH2_OUT_G (10) 12B CH2_OUT_G
13B GNDA
L_MONI_OUT_G (14) 14B L_MONI_OUT_G
R_MONI_OUT_G (15) 15B R_MONI_OUT_G
16B GNDA
DASD34 (6) 17B
DASD12 (5) 18B DASD12
WCK1 (5, 6, 13) 19B WCK1
20B
21B
AV_CS_AUDIO_L (17) 22B AV_CS_AUDIO_L
J4002 23B AV_ADRS8
24B AV_ADRS5
25B AV_ADRS2
AV_IORD_L (17) 26B AV_IORD_L
AV_DATA7 (17) 27B AV_DATA7
AV_DATA4 (17) 28B AV_DATA4
AV_DATA1 (17) 29B AV_DATA1
+5V (14, 17, 18) 30B +5V
-5V (18) 31B -5V
DGND (18) 32B DGND
DGND


P4001
VJP3454B096
GNDA (1, 2, 3, 4, 18) 1C GNDA
+12V (1, 2, 3, 4, 9, 10, 11, 12, 13, 14, 15, 18) 2C +12V
-12V (1, 2, 3, 4, 9, 10, 11, 12, 13, 14, 15, 18) 3C -12V
+7.5V (5, 6, 7, 8, 9, 11, 13, 18) 4C +7.5V
-7.5V (9, 11, 18) 5C -7.5V
CH1_IN_H (1) 6C CH1_IN_H
7C GNDA
CH2_IN_H (2) 8C CH2_IN_H
9C GNDA
CH1_OUT_H (9) 10C CH1_OUT_H
11C GNDA
CH2_OUT_H (10) 12C CH2_OUT_H
13C GNDA
L_MONI_OUT_H (14) 14C L_MONI_OUT_H
R_MONI_OUT_H (15) 15C R_MONI_OUT_H
16C GNDA
ADSD12 (5) 17C ADSD12
DASDLR (13) 18C DASDLR
19C
20C
21C
AV_ADRS10 (17) 22C AV_ADRS10
J4003 23C AV_ADRS7
24C AV_ADRS4
AV_ADRS1 (17) 25C AV_ADRS1
AV_IOWR_L (17) 26C AV_IOWR_L
AV_DATA6 (17) 27C AV_DATA6
AV_DATA3 (17) 28C AV_DATA3
AV_DATA0 (17) 29C AV_DATA0
+5V (14, 17, 18) 30C +5V
-5V (18) 31C -5V
DGND (18) 32C DGND
DGND







Ref No4000 Series

COMPONENT NAME	A ADDA (CONNECTOR)	18/18
CIRCUIT BOARD NO.	MODEL NO.	
VEP84301B		
		SCM173